

PATENT ABSTRACTS OF JAPAN

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(54) SUBLIMATE TYPE THERMAL TRANSFER MEDIUM

(57)Abstract:

PURPOSE: To obtain high recording density without decreasing transfer density even though printing is performed many times by establishing a dye migration preventive layer between a base material and a dye supply layer.

CONSTITUTION: For a transfer medium, a dye migration preventive layer 2 is provided onto a surface of a base material 1, and a dye supply layer 3 composed of a thermal sublimate dye and an organic binding agent is established thereon. Further, a transfer contributive layer 4 composed of the thermal sublimate dye and the organic binding agent is laminated thereon. The thermal sublimate dye from the dye supply 3 is dislocated by heating with a thermal head 6 to a surface of an image receiving medium 5 via the transfer contributive layer 4 to be transferred by sublimation. Since the dye migration preventive layer 2 is provided in that case, no thermal sublimate dye is diffused to the base material 1 side. The thermal sublimate dye is effectively used for formation of an image, and the image of high density can be many times repetitively obtained.

